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**From:** Tarr, Jeremy M [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=98859532088E4437968231EB6FEF6B70-JMTARR1]  
**Sent:** 10/2/2017 4:09:19 PM  
**To:** Martin Ross [martin.ross@duke.edu]  
**Subject:** RE: [External] NC trends

Thank you, Martin.

Jeremy Tarr  
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**From:** Martin Ross [mailto:martin.ross@duke.edu]  
**Sent:** Monday, October 2, 2017 3:36 PM  
**To:** Tarr, Jeremy M <jeremy.tarr@nc.gov>  
**Subject:** [External] NC trends

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Hi Jeremy,

Here are very rough GDP and emissions trends for NC, based on EIA historical data (in red) and trends from the AEO 2017 without the CPP (calculations show the tabs/rows that are referenced if you are interested). For state GDP and state-wide emissions, the NEMS model has projections for a South Atlantic region that includes NC (<https://www.eia.gov/outlooks/aeo/pdf/f1.pdf>), and for state power emissions there is an electricity market region covering Virginia and Carolina ([https://www.eia.gov/outlooks/aeo/pdf/nerc\\_map.pdf](https://www.eia.gov/outlooks/aeo/pdf/nerc_map.pdf)).

Hope it is some vague use. I'm not sure if I believe the short-term decline in emissions over the 2015-2018 years, but that is what the forecasts have...

Thanks, Martin

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